

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 11:15 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 487 Const Calendar Day: 253 Date: 12-Feb-2013 Tuesday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 05:40 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Suspender Ropes Activities**

Overview of Cable work today:

The following work was ongoing today on the Cable:

- Installing suspender separators
- Installing split collars & elastomeric collars
- Painting of suspender ropes & main Cable

Today I was inspecting Mike Draper's crew on installing suspender separators. See the diaries of A. Iranmanesh, L. Woo, & S. Soheilifard for additional details of Cable field work.

- I arrived at the pier-7 office at 07:00.
- From 07:00 until 07:30, I reviewed & signed several extra work agreements for work of replacing CB bolts (CCO-291). I agreed with the hours, so I signed them & returned a copy to ABF Engineer Ankur Singh.
- At 07:40, I arrived on the bridge.
- The majority of Mike's crew was installing suspender separators until 15:30.
- Throughout the entire shift, iron-worker Tony Miranda worked at PP 112N on slotting the holes in the cable bracket side plates to allow fit-up of the A325M bolts.

Suspender separator location checks:

- After Mike's crew installed the suspender separators, I did some spot checks on the locations of several of the separators. I measured along the suspender from the suspender bracket top flanges to the lower suspender separators at PPs 20S, 22S, 24S, 26S, 38S, & 44S. I used the Leica disto D5 to take the measurements. All of the measured distances were within 25mm of the required 19m spacing.

- At 11:15, I left the bridge.
- From 11:30 until 13:00, at the request of Brian Boal, I compiled a summary of the total hours to do the work of cable band (CB) bolt tensioning. I downloaded all of the diaries from the inspectors looking at the work (L. Woo, A. Iranmanesh, & I), & summarized the hours in a spreadsheet. I emailed this spreadsheet to Brian Boal & Roman Granados).
- At 13:15, I arrived back on the bridge.
- Throughout the afternoon, I intermittently checked on Mike's crew installing the suspender separators while doing some other misc inspection.

East saddles:

- I did a final inspection of the work done over the past week at the East saddles. I did a walk-through of



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the area with ABF Engineer Levi Gatsos. All of the work under the saddles is complete. There are 3 items of remaining work: 1) installing & tensioning the plug bolts near the splay plates; 2) a lot of general cleaning; & 3) paint repairs. I mentioned this to Levi, & also sent an email to Warren Collins for these items to be added to the Cable punch-list.

Cable wrapping punch-list inspection:

- I did punch-list inspection of the Cable wrapping bays between PPs 102S & 118S. I compiled a list of items that needed to be addressed.

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- At 15:30, Mike's crew shifted from installing suspender separators to installing elastomeric collars & split collars near PP 82S. For the rest of the shift, Mike's crew mostly organized tools & shook out material to get ready to start the work.

- At 16:50, I left the bridge.

- From 17:00 until 17:20, I reviewed more extra work agreements for CCO-291 that I received from ABF Engineer Adam Roebuck. I agreed with the hours, so I signed them & returned a copy to Adam.

- From 17:20 until 17:45, I wrote my diary for the day & checked email.

04-0120F4 Bid Item: 067 C-SUS-SCC.067 Install Suspender Clamps, Separators, Collars

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	Mario Anguano	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker		THADDEUS BOOKER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	JAMES MIRANDA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	MICHAEL DRAPER	8.00	2.00	0.00	10.00		<input type="checkbox"/>

### Attachment



Installation of suspender separator at PP 36N